

AMENDMENTS TO THE CLAIMS

Please cancel claims 29-31, 38-40, 47-54 and 64-66, and amend claim 67 as shown below. Claims 1-28 and 55-57 were previously canceled. All pending claims are reproduced below, including those that remain unchanged.

1.-31. (Canceled)

32. (Previously Added) A method for cleaning a first group of electrodes contained within an electro-kinetic air conditioner, wherein the first group of electrodes has at least one electrode with a cleaning device connected with the electrode, such that the cleaning device can travel along the length of the electrode, the method comprising:

(a) rotating the electro-kinetic air conditioner from an original position so that the cleaning device travels from an initial position along the electrode and frictionally removes contaminants from the outer surface of the electrode;

(b) returning the electro-kinetic air conditioner to the original position, so that the cleaning device returns to the initial position; and

(c) repeating steps (a) and (b) when the accumulation of contaminants on the electrode require subsequent cleaning to maintain the efficiency of the air conditioner.

33. (Previously Added) The method as recited in Claim 32, wherein the cleaning device is a bead-like member.

34. (Previously Added) The method as recited in claim 33, wherein the cleaning device has a bore to allow the electrode to pass through with a characteristic selected from a group consisting of (a) a bore formed through a geometric center of the bead-like member, (b) a bore formed parallel to, but offset from, a longitudinal axis of the bead-like member, (c) a bore formed at an inclined relative to a longitudinal axis of the bead-like member.

35. (Previously Added) The method as recited in Claim 34, wherein the cleaning device is spherically shaped.

36. (Previously Added) A method according to Claim 34, wherein the cleaning device is cylindrically shaped.

37. (Previously Added) A method according to Claim 34, wherein the cleaning device is bell shaped.

38.-40. (Canceled)

41. (Previously Added) A method for cleaning an electrode contained within an electro-kinetic air conditioner, wherein the first electrode has a cleaning device connected with the electrode, such that the cleaning device can travel along the length of the electrode, the method comprising:

- (a) rotating the electro-kinetic air conditioner from an original position so that the cleaning device travels along the electrode and frictionally removes contaminants from the outer surface of the electrode;

- (b) returning the electro-kinetic air conditioner to the original position; and

- (c) repeating steps (a) and (b) when the accumulation of contaminants on the electrode require subsequent cleaning to maintain the efficiency of the air conditioner.

42. (Previously Added) The method as recited in Claim 41, wherein the cleaning device is a bead-like member.

43. (Previously Added) The method as recited in claim 42, wherein the cleaning device has a bore to allow the electrode to pass through with a characteristic selected from a group consisting of (a) a bore formed through a geometric center of the bead-like member, (b) a bore formed parallel to, but offset from, a longitudinal axis of the bead-like member, (c) a bore formed at an inclined relative to a longitudinal axis of the bead-like member.

44. (Previously Added) The method as recited in Claim 43, wherein the cleaning device is spherically shaped.

45. (Previously Added) A method according to Claim 43, wherein the cleaning device is cylindrically shaped.

46. (Previously Added) A method according to Claim 43, wherein the cleaning device is bell shaped.

47.-57. (Canceled)

58. (Previously Added) A method for cleaning a first electrode contained within an electro-kinetic air conditioner, wherein the first electrode has a cleaning device connected with the first electrode, such that the cleaning device can travel along the length of the first electrode, the method comprising:

(a) rotating the electro-kinetic air conditioner from an original position so that the cleaning device travels from an initial position along the first electrode and frictionally removes contaminants from the outer surface of the first electrode;

(b) returning the electro-kinetic air conditioner to the original position, so that the cleaning device returns to the initial position; and

(c) repeating steps (a) and (b) when the accumulation of contaminants on the first electrode require subsequent cleaning to maintain the efficiency of the air conditioner.

59. (Previously Added) The method as recited in Claim 58, wherein the cleaning device is a bead-like member.

60. (Previously Added) The method as recited in claim 59, wherein the cleaning device has a bore to allow the first electrode to pass through with a characteristic selected from a group consisting of (a) a bore formed through a geometric center of the bead-like member, (b) a bore formed parallel to, but offset from,

a longitudinal axis of the bead-like member, (c) a bore formed at an inclined relative to a longitudinal axis of the bead-like member.

61. (Previously Added) The method as recited in Claim 60, wherein the cleaning device is spherically shaped.

62. (Previously Added) A method according to Claim 60, wherein the cleaning device is cylindrically shaped.

63. (Previously Added) A method according to Claim 60, wherein the cleaning device is bell shaped.

64.-66. (Canceled)

67. (Currently Amended) A method for cleaning an electrode contained within an electro-kinetic air conditioner, wherein the first electrode has a cleaning device connected with the electrode, such that the cleaning device can travel along the length of the electrode, the method comprising:

(a) moving rotating the electro-kinetic air conditioner from an original position so that the cleaning device travels along the electrode and frictionally removes contaminants from the outer surface of the electrode; and

(b) returning the electro-kinetic air conditioner to the original position.

68. (Previously Added) The method of claim 67, further including the shape of:

(c) repeating steps (a) and (b) when the accumulation of contaminants on the electrode require subsequent cleaning to maintain the efficiency of the air conditioner.

69. (Previously Added) The method as recited in Claim 67, wherein the cleaning device is a bead-like member.

70. (Previously Added) The method as recited in claim 67, wherein the cleaning device has a bore to allow the electrode to pass through with a characteristic selected from a group consisting of (a) a bore formed through a geometric center of the bead-like member, (b) a bore formed parallel to, but offset from, a longitudinal axis of the bead-like member, (c) a bore formed at an inclined relative to a longitudinal axis of the bead-like member.

71. (Previously Added) A method for cleaning an emitter electrode with an electrode cleaning mechanism, the emitter electrode being located within an elongated housing including a base adapted to support the housing in an upright position, the method comprising:

- (a) lifting the housing such that the base no longer supports the housing;
- (b) rotating the housing from the upright position so that the electrode cleaning mechanism travels, from an initial position, along the emitter electrode and frictionally removes debris from the emitter electrode;
- (c) rotating the housing generally back to the upright position so that the electrode cleaning mechanism travels back to the initial position; and
- (d) setting down the housing such that the base again supports the housing in the upright position.

72. (Previously Added) The method of claim 71, further comprising repeating steps (b) and (c) at least one more time prior to step (d).

73. (Previously Added) The method of claim 71, wherein the electrode cleaning mechanism continues to remove debris from the emitter electrode while it travels back to the initial position in step (c).

74. (Previously Added) A method for cleaning an emitter electrode with an electrode cleaning mechanism, the emitter electrode being located within an elongated housing including a base adapted to support the housing in an upright position, the method comprising:

- (a) lifting the housing such that the base no longer supports the housing;

(b) generally inverting the housing so that the electrode cleaning mechanism travels, from an initial position, along the emitter electrode and frictionally removes debris from the emitter electrode;

(c) rotating the housing generally back to the upright position so that the electrode cleaning mechanism travels back to the initial position; and

(d) setting down the housing such that the base again supports the housing in the upright position.

75. (Previously Added) The method of claim 74, further comprising repeating steps (b) and (c) at least one more time prior to step (d).

76. (Previously Added) The method of claim 74, wherein the electrode cleaning mechanism continues to remove debris from the emitter electrode while it travels back to the initial position in step (c).

77. (Previously Added) A method for cleaning an emitter electrode with an electrode cleaning mechanism, the emitter electrode being located within an elongated housing including a base adapted to support the housing in an upright position, the method comprising:

(a) rotating the housing from the upright position so that the electrode cleaning mechanism travels, from an initial position, along the emitter electrode and frictionally removes debris from the emitter electrode; and

(b) rotating the housing generally back to the upright position so that the electrode cleaning mechanism travels back to the initial position.

78. (Previously Added) The method of claim 77, further comprising repeating steps (a) and (b).

79. (Previously Added) The method of claim 77, wherein the electrode cleaning mechanism continues to remove debris from the emitter electrode while it travels back to the initial position in step (a).

80. (Previously Added) A method for cleaning an emitter electrode with an electrode cleaning mechanism, the emitter electrode being located within an elongated housing including a base adapted to support the housing in an upright position, the method comprising:

(a) generally inverting the housing so that the electrode cleaning mechanism travels, from an initial position, along the emitter electrode and frictionally removes debris from the emitter electrode; and

(b) rotating the housing generally back to the upright position so that the electrode cleaning mechanism travels back to the initial position.

81. (Previously Added) The method of claim 80, further comprising repeating steps (a) and (b).

82. (Previously Added) The method of claim 80, wherein the electrode cleaning mechanism continues to remove debris from the emitter electrode while it travels back to the initial position in step (a).